

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	4752	(347/172,174,175,100,102,113,114,115).ccls.	US-PGPUB; USPAT	ADJ	ON	2010/08/14 14:20
L6	5415	(347/172,174,175,100,102,113,114,115,221,222,197).ccls.	US-PGPUB; USPAT	ADJ	ON	2010/08/14 15:12
L7	21	6 and ((oil near3 composition) same (water near3 composition))	US-PGPUB; USPAT	ADJ	ON	2010/08/14 15:13
L8	0	6 and (((oil near3 composition) same (water near3 composition)) near3 layer\$5)	US-PGPUB; USPAT	ADJ	ON	2010/08/14 15:14
L9	0	6 and (((oil near3 composition) same (water near3 composition)) near10 layer\$5)	US-PGPUB; USPAT	ADJ	ON	2010/08/14 15:14
L10	19	7 and (layer\$5 or stack\$4)	US-PGPUB; USPAT	ADJ	ON	2010/08/14 15:16
L11	72	6 and (((multi color\$5) or (different color\$5)) near9 ((prevent\$5 or suppress\$4) near3 (bleed\$5)))	US-PGPUB; USPAT	ADJ	ON	2010/08/14 15:18
L12	62	6 and (((multi color\$5) or (different color\$5)) near6 ((prevent\$5 or suppress\$4) near3 (bleed\$5)))	US-PGPUB; USPAT	ADJ	ON	2010/08/14 15:18
L13	0	6 and (((multi color\$5) or (different color\$5)) near6 ((prevent\$5 or suppress\$4) near3 (bleed\$5) near3 (solvent)))	US-PGPUB; USPAT	ADJ	ON	2010/08/14 15:41
L14	0	(three dimensional pattern) and (((multi color\$5) or (different color\$5)) near6 ((prevent\$5 or suppress\$4) near3 (bleed\$5) near3 (solvent)))	US-PGPUB; USPAT	ADJ	ON	2010/08/14 15:42
L15	0	recording medium) and (((multi color\$5) or (different color\$5)) near6 ((prevent\$5 or suppress\$4) near3 (bleed\$5) near3 (solvent)))	US-PGPUB; USPAT	ADJ	ON	2010/08/14 15:42
L16	0	(recording medium) and (((multi color\$5) or (different color\$5)) near6 (((prevent\$5 or suppress\$4) near3 (bleed\$5)) near6 (solvent)))	US-PGPUB; USPAT	ADJ	ON	2010/08/14 15:43
L17	0	(((multi color\$5) or (different color\$5)) near6 (((prevent\$5 or suppress\$4) near3 (bleed\$5)) near6 (solvent)))	US-PGPUB; USPAT	ADJ	ON	2010/08/14 15:43
L18	17	6 and (((prevent\$5 or suppress\$4) near3 (bleed\$5)) near6 (solvent))	US-PGPUB; USPAT	ADJ	ON	2010/08/14 15:44
L19	0	6 and (((((prevent\$5 or suppress\$4) near3 (bleed\$5)) near6 (solvent)) near6 (layer or stack)))	US-PGPUB; USPAT	ADJ	ON	2010/08/14 15:46

L20	0	6 and (((prevent\$5 or suppress\$4) near3 (bleed\$5)) near6 (solvent)) near6 (layer\$5 or stack\$5))	US-PGPUB; USPAT	ADJ	ON	2010/08/14 15:46
L21	5	(US-20060281870-\$ or US-20030122889-\$ or US-20020180854-\$ or US-20050027037-\$).did. or (JP-2003345828-\$).did.	US-PGPUB; JPO	ADJ	ON	2010/08/14 15:49
L22	1	21 and (bleed\$5)	US-PGPUB; USPAT	ADJ	ON	2010/08/14 15:49
L23	18	((image forming) or ("3" adj Dimensional adj (image or pattern)) or (Three adj Dimensional adj (image or pattern))) and (((multi color\$5) or (different color\$5)) near6 ((prevent\$5 or suppress\$4) near3 (bleed\$5)))	US-PGPUB; JPO	ADJ	ON	2010/08/14 16:06
L24	17	((image forming) or ("3" adj Dimensional adj (image or pattern)) or (Three adj Dimensional adj (image or pattern))) and ((solvent) near6 ((prevent\$5 or suppress\$4) near3 (bleed\$5)))	US-PGPUB; JPO	ADJ	ON	2010/08/14 16:13
L25	9	((image forming) or ("3" adj Dimensional adj (image or pattern)) or (Three adj Dimensional adj (image or pattern))) and ((solvent) near3 ((prevent\$5 or suppress\$4) near3 (bleed\$5)))	US-PGPUB; JPO	ADJ	ON	2010/08/14 16:13
L26	0	((image forming) or ("3" adj Dimensional adj (image or pattern)) or (Three adj Dimensional adj (image or pattern))) and ((solvent) near3 (color\$4) near3 ((prevent\$5 or suppress\$4) near3 (bleed\$5)))	US-PGPUB; JPO	ADJ	ON	2010/08/14 16:22
L27	9	((image forming) or ("3" adj Dimensional adj (image or pattern)) or (Three adj Dimensional adj (image or pattern))) and ((solvent) near9 (color\$4) near9 ((prevent\$5 or suppress\$4) near3 (bleed\$5)))	US-PGPUB; JPO	ADJ	ON	2010/08/14 16:22
L28	489	((KOI CHI) near2 (SATO)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/14 16:23
L29	54	28 and ((image forming) or ("3" adj Dimensional adj (image or pattern)) or (Three adj Dimensional adj (image or pattern)))	US-PGPUB; JPO	ADJ	ON	2010/08/14 16:24
L30	1	JP "02307731"	US-PGPUB; JPO	ADJ	ON	2010/08/14 16:24
L31	1	29 and ((prevent\$5 or suppress\$4) near3 (bleed\$5))	US-PGPUB; USPAT	ADJ	ON	2010/08/14 16:27
L32	1	28 and ((prevent\$5 or suppress\$4) near3 (bleed\$5))	US-PGPUB; USPAT	ADJ	ON	2010/08/14 16:28
L33	36	28 and ((bleed\$5))	US-PGPUB; USPAT	ADJ	ON	2010/08/14 16:28
L34	244808	((image forming) or ("3" adj Dimensional adj (image or pattern)) or (Three adj Dimensional adj (image or pattern)))	US-PGPUB; JPO	ADJ	ON	2010/08/14 16:40
L35	2	34 and (((stack\$4 or layer\$4) near3 ((different or multi\$5) near3 (color \$4))) near5 (bleed\$5))	US-PGPUB; JPO	ADJ	ON	2010/08/14 16:41

L36	0	34 and (((nonpolar or nonionic or lipid or oil or fat) near3 liquid) same ((polar or ionic or water) near3 liquid)) near5 (bleed\$5)	US-PGPUB; JPO	ADJ	ON	2010/08/14 16:45
L37	0	34 and (((nonpolar or nonionic or lipid or oil or fat) near3 liquid) same ((polar or ionic or water) near3 liquid)) near10 (bleed\$5))	US-PGPUB; JPO	ADJ	ON	2010/08/14 16:45
L38	141126	((image forming) or ("3" adj Dimensional adj (image or pattern)) or (Three adj Dimensional adj (image or pattern)))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/14 16:45
L39	0	38 and (((nonpolar or nonionic or lipid or oil or fat) near3 liquid) same ((polar or ionic or water) near3 liquid)) near10 (bleed\$5))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/14 16:45
L40	407	38 and (((nonpolar or nonionic or lipid or oil or fat) near3 liquid) same ((polar or ionic or water) near3 liquid)))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/14 16:46
L41	0	38 and (((((nonpolar or nonionic or lipid or oil or fat) near3 liquid) same ((polar or ionic or water) near3 liquid))) same bleed\$5)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/14 16:46
L42	5	38 and (((((nonpolar or nonionic or lipid or oil or fat) near3 liquid) same ((polar or ionic or water) near3 liquid))) near10 (color\$5))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/14 16:46
L43	3	38 and ((((((nonpolar or nonionic or lipid or oil or fat) near3 liquid) near6 color\$5) same (((polar or ionic or water) near3 liquid) near6 color\$5))))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/14 16:54
L44	350430	((image forming) or ("3" adj Dimensional adj (image or pattern)) or (Three adj Dimensional adj (image or pattern)) or (recording material) or (recording medium))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/14 16:58
L45	569	44 and (((multi color\$5) or (different color\$5) or (colors)) near9 ((prevent \$5 or suppress\$4) near3 (bleed\$5)))	US-PGPUB; USPAT	ADJ	ON	2010/08/14 16:59
L46	513	44 and (((multi color\$5) or (different color\$5) or (colors)) near5 ((prevent \$5 or suppress\$4) near3 (bleed\$5)))	US-PGPUB; USPAT	ADJ	ON	2010/08/14 16:59
L47	121	46 and ((nonpolar or nonionic or lipid or oil or fat) near6 (polar or ionic or water))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/14 17:00
L48	39	"5,342,440"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/14 17:05
L49	111	(stack\$5 or layer\$5) near3 (different modulus)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/14 17:14
L50	3	44 and ((stack\$5 or layer\$5) near3 (different modulus))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/14 17:15
L51	1401	44 and ((stack\$5 or layer\$5) near3 (modulus))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/14 17:16
L52	58	44 and ((stack\$5 or layer\$5) near5 (differ\$5 near3 modulus))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/14 17:16
L53	5	(US-20060281870-\$ or US-20030122889-\$ or US-20020180854-\$ or US-20050027037-\$).did. or (JP-2003345828-\$).did.	US-PGPUB; JPO	ADJ	ON	2010/08/14 17:28

L54	0	"53 and ((stack\$5 or layer\$5) near5 (differ\$5 near3 modulus))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/14 17:28
L55	1	"5342440".pn.	US-PGPUB; USPAT	ADJ	ON	2010/08/14 17:45
L56	1	"6464342".pn.	US-PGPUB; USPAT	ADJ	ON	2010/08/14 17:45
S1	0	EP "243" "624"	US-PGPUB; USPAT; EPO	ADJ	ON	2009/09/14 14:53
S2	1	EP "243624"	US-PGPUB; USPAT; EPO	ADJ	ON	2009/09/14 14:53
S3	0	EP "285948"	US-PGPUB; USPAT; EPO	ADJ	ON	2009/09/14 14:54
S4	0	EP285948	US-PGPUB; USPAT; EPO	ADJ	ON	2009/09/14 14:54
S5	0	EP "285948"	US-PGPUB; USPAT; EPO	ADJ	ON	2009/09/14 14:54
S6	1	EP "285948"	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2009/09/14 14:55
S7	2	WO "2004005362"	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2009/09/14 14:55
S8	1	WO "2003027894"	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2009/09/14 14:58
S9	5	EP "1357138"	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2009/09/14 14:58
S10	1	WO "03074575"	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2009/09/15 11:00
S11	2	"5059266".pn.	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2009/09/15 11:01
S12	2	"20070063371"	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2009/09/15 11:12

S13	5	EP "1243624"	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2009/09/15 11:18
S14	1	EP "243624"	US-PGPUB; USPAT; EPO	ADJ	ON	2009/09/15 11:26
S15	1	EP "285948"	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2009/09/15 11:26
S16	2	WO "2004005362"	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2009/09/15 11:26
S17	1	WO "2003027894"	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2009/09/15 11:26
S18	5	EP "1357138"	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2009/09/15 11:26
S19	17	S10 or S11 or S13 or S14 or S15 or S16 or S17 or S18	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2009/09/15 11:26
S20	17	S10 or S11 or S13 or S14 or S15 or S16 or S17 or S18	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/09/15 11:26
S21	2	S20 and (different near2 color)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/09/15 11:26
S22	112	((storage modulus) same (loss modulus)) and recording medium	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/09/15 11:32
S23	2	(polyoxyalkylene) near2 (polyalkenyl ether)	US-PGPUB; USPAT	ADJ	ON	2009/09/15 12:10
S24	4	(polyoxyalkylene) near6 (polyalkenyl ether)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/09/15 12:10

S25	29	(polyoxyalkylene) near6 (polyalkenyl)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/09/15 12:11
S26	24137	record\$4 medium and image and ink jet	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/09/15 14:06
S27	349	S26 and (((("3" or three) near3 dimensional) same (pattern\$4 or shap\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/09/15 14:08
S28	0	((storage modulus) same (loss modulus) same loss ratio) and recording medium	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/09/15 15:35
S29	47	((storage modulus) same (loss modulus) same ratio) and recording medium	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/09/15 15:35
S30	2	JP "2003345828"	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/09/15 16:16
S31	0	JP "20030345828"	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/09/15 16:18
S32	0	JP20030345828	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/09/15 16:18
S33	2	US "20060281870"	US-PGPUB; USPAT	ADJ	ON	2009/09/15 16:19
S34	0	JP "2003345828"	US-PGPUB; USPAT	ADJ	ON	2009/09/15 16:19
S35	2	JP "2003345828"	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/09/15 16:20
S36	1	"10579093"	US-PGPUB; USPAT	ADJ	ON	2010/02/20 14:45

S37	1	US-5059266-\$.DID. OR EP-1243624-\$.DID. OR EP-124362492002-\$.DID. OR EP-1285948-\$.DID. OR EP-128594822003-\$.DID. OR EP-1357138-\$.DID. OR EP-1357138102003-\$.DID. OR WO-03074575-\$.DID. OR WO-0307457592003-\$.DID. OR WO-04005362-\$.DID. OR WO-0400536212004-\$.DID.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/02/21 13:30
S38	1	"5059266",pn. OR "2003027894" OR "2002186288" OR "2003050364" OR "2003236343" OR "2005027037"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/02/21 13:32
S39	0	"2003027894" OR "2002186288" OR "2003050364" OR "2003236343" OR "2005027037"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/02/21 13:33
S40	0	"2003027894"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/02/21 13:33
S41	472	((KOI CHI) near2 (SATO)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/02/21 13:33
S42	2	"20020180854"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/02/21 16:06
S43	2	S42 and (block polymer) and (repeating unit)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/02/21 16:22
S44	267763	"41" and water and oil	US-PGPUB; USPAT	ADJ	ON	2010/02/21 16:50
S45	1444	S44 and (ink near3 water) and (ink near3 oil)	US-PGPUB; USPAT	ADJ	ON	2010/02/21 16:50
S46	472	((KOI CHI) near2 (SATO)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/02/21 16:50
S47	16	S46 and (ink near3 water) and (ink near3 oil)	US-PGPUB; USPAT	ADJ	ON	2010/02/21 16:50
S48	7	S46 and ((ink near3 water) same (ink near3 oil))	US-PGPUB; USPAT	ADJ	ON	2010/02/21 16:58
S49	2	WO "2004005362"	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2010/02/21 17:01
S50	5	(US-20030122889-\$ or US-20060281870-\$).did. or (US-6233424-\$.did. or (EP-1243624-\$.did. or (JP-2003345828-\$.did.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2010/02/21 17:02
S51	0	S50 and ((ink near3 water) same (ink near3 oil))	US-PGPUB; USPAT	ADJ	ON	2010/02/21 17:02
S52	44106	(three-dimensional article or image form\$4) and ink	US-PGPUB; USPAT	ADJ	ON	2010/02/21 17:36

S53	777	S52 and ((oil near3 ink) same (water near3 ink))	US-PGPUB; USPAT	ADJ	ON	2010/02/21 17:36
S54	717	S52 and (color and (oil near3 ink) same (water near3 ink))	US-PGPUB; USPAT	ADJ	ON	2010/02/21 17:37
S55	717	S53 and (color and (oil near3 ink) same (water near3 ink))	US-PGPUB; USPAT	ADJ	ON	2010/02/21 17:37
S56	47	S55 and ((block polymer) and (color and (oil near3 ink) same (water near3 ink)))	US-PGPUB; USPAT	ADJ	ON	2010/02/21 17:38
S57	0	S52 and ((block polymer) and (color same (oil near3 ink) same (water near3 ink)))	US-PGPUB; USPAT	ADJ	ON	2010/02/21 18:28
S58	108	S52 and ((block polymer) and (((oil or hydrophobic) near3 ink) same ((water or hydrophilic) near3 ink)))	US-PGPUB; USPAT	ADJ	ON	2010/02/21 18:29
S59	0	JP "2003345828"	US-PGPUB; USPAT	ADJ	ON	2010/02/21 18:49
S60	1	JP "2003345828"	JPO	ADJ	ON	2010/02/21 18:49
S61	0	JP2003345828	JPO	ADJ	ON	2010/02/21 18:50
S62	2	"20050027037"	US-PGPUB; USPAT	ADJ	ON	2010/02/21 18:51

**EAST Search History (Interference)**

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**8/14/2010 5:52:58 PM****C:\Documents and Settings\ybelyaev\My Documents\EAST\Workspaces\10579093.wsp**